Gary T. Johnson 277 Impact fees for off-site road improvements: Guidelines for evaluating the practicality of the approach and for designing local programs

Athanassios K. Bladikas and **Louis J. Pignataro** 283 Efficiency and equity issues in special fees for financing transportation infrastructure

Amiy Varma and **Kumares C. Sinha** 293 On user charges for highway financing

David J. Forkenbrock and **Norman S. J. Foster** 303 Economic benefits of a corridor highway investment

Book Reviews

Gregory L. Thompson 313 Seely: *Building the American Highway System: Engineers as Policy Makers*

John Pucher 315 Newman and Kenworthy: *Cities and Automobile Dependence: An International Sourcebook* and Simpson: *City Centre Planning and Public Transport: Case Studies from Britain, West Germany, and France*

Joseph Berechman 316 Talley: *Transport Carrier Costing*

Lester A. Hoel 318 Banister and Pickup: *Urban Transport and Planning: A Bibliography with Abstracts*

Gordon J. Fielding 319 White: *Public Transport: Its Planning, Management, and Operation*

I Forthcoming Papers

Volume 24A, No. 5, September 1990

Anthony T. H. Chin 321 Influences on commuter trip departure time decisions in Singapore

Gerald J. Forbes and **Fred L. Hall** 335 The applicability of catastrophe theory in modelling freeway traffic operations

Markos Papageorgiou, Jean-Marc Blosseville and **Habib Hadj-Salem** 345 Modelling and real-time control of traffic flow on the southern part of Boulevard Peripherique in Paris: Part I: Modelling

Markos Papageorgiou, Jean-Marc Blosseville and **Habib Hadj-Salem** 361 Modelling and real-time control of traffic flow on the southern part of Boulevard Peripherique in Paris: Part II: Coordinated on-ramp metering

Fred L. Mannering and **Mohammad M. Hamed** 371 Commuter welfare approach to high occupancy vehicle lane evaluation: An exploratory analysis

Peter M. Lynagh, Paul R. Murphy and **Richard F. Poist** 381 The contemporary motor carrier salesperson: An analysis of shipper and carrier perspectives

Henry S. L. Fan 391 Passenger car equivalents for vehicles on Singapore expressways

Book Review

John Tanner 397 Vaughan: *Urban Spatial Traffic Patterns*

I Forthcoming Papers

Volume 24A, No. 6, November 1990

SPECIAL ISSUE

DYNAMIC TRAVEL BEHAVIOR ANALYSIS

Yasunori Iida and **Ryuichi Kitamura** 399 Editorial

Ryuichi Kitamura 401 Panel analysis in transportation planning: An overview

David A. Hensher and **Nariida C. Smith** 417 Estimating automobile utilisation with panel data: An investigation of alternative assumptions for the initial conditions and error covariances

Henk Meurs 427 Dynamic analysis of trip generation

Thomas F. Golob 443 The dynamics of household travel time expenditures and car ownership decisions

Hani S. Mahmassani 465 Dynamic models of commuter behavior: Experimental investigation and application to the analysis of planned traffic disruptions

Moshe Ben-Akiva and **Takayuki Morikawa** 485 Estimation of switching models from revealed preferences and stated intentions

Book Reviews

William G. Bell 497 Sutton: *Transport Coordination and Social Policy*

Christian Werner 500 de la Barra: *Integrated Land Use and Transport Modelling: Decision Chains and Hierarchies*

T. John Kim 502 Webster, Bly, and Paulley: *Urban Land-use and Transport Interaction: Policies and Models. Report of the International Study Group on Land-use/Transport Interactions*

Lester A. Hoel 503 Giannopoulos: *Bus Planning and Operation in Urban Areas: A Practical Guide*

David N. Starkie 505 McKinnon: *Physical Distribution Systems*

I Forthcoming Papers

V Volume 24 Contents and Author Index

LIST OF CONTENTS

Vol. 24B, No. 1, February 1990

Julian Benjamin and **Kofi Obeng**	1	The effect of policy and background variables on total factor productivity for public transit
Yasuhiro Hirobata and **Shogo Kawakami**	15	Modeling disaggregate behavioral modal switching models based on intention data
Mark Hansen	27	Airline competition in a hub-dominated environment: An application of noncooperative game theory
P. Marcotte, L. Zubieta, and **O. Drissi-Kaïtouni**	45	Iterative methods for solving an equilibrium problem arising in transit deregulation
Anantaram Balakrishnan, T. William Chien, and **Richard T. Wong**	57	Selecting aircraft routes for long-haul operations: A formulation and solution method
		Short Notes and Research Communications
Sergio R. Jara-Diaz	73	Consumer's surplus and the value of travel time savings
	I	Forthcoming Papers

Vol. 24B, No. 2, April 1990

Konstantinos G. Zografos and **Washington Martinez**	79	Improving the performance of a port system through service demand reallocation
Fred L. Mannering and **Mohammad M. Hamed**	99	Occurrence, frequency, and duration of commuters' work-to-home departure delay
Stef Smulders	111	Control of freeway traffic flow by variable speed signs
Rainer Ansorge	133	What does the entropy condition mean in traffic flow theory?
Henk Meurs	145	Trip generation models with permanent unobserved effects
	I	Forthcoming Papers

Vol. 24B, No. 3, June 1990

Roy I. Peterkofsky and **Carlos F. Daganzo**	159	A branch and bound solution method for the crane scheduling problem

James F. Campbell 173 Locating transportation terminals to serve an expanding demand

A. Alvarez, J. J. Brey, and **J. M. Casado** 193 A simulation model for traffic flow with passing

Dae-Sic Yun 203 Urban residential location and the comparative statics of traffic congestion

R. Arnott, A. de Palma, and **R. Lindsey** 209 Departure time and route choice for the morning commute

Julian Benjamin 229 An analysis of mode choice for shippers in a constrained network with applications to just-in-time inventory

I Forthcoming Papers

Vol. 24B, No. 4, August 1990

Tomonori Sumi, Yoshiji Matsumoto, and **Yasuyuki Miyaki** 247 Departure time and route choice of commuters on mass transit systems

Francesc Robustė, Carlos F. Daganzo, and **Reginald R. Souleyrette II** 263 Implementing vehicle routing models

S. C. Wirasinghe and **S. Bandara** 287 Airport gate position estimation for minimum total costs – Approximate closed form solution

G. Günlük-Senesen and **Ü. Senesen** 299 An analysis of the structure of the Turkish transportation sector in the context of a two-group industry model

Robert F. Bordley 315 The dogit model is applicable even without perfectly captive buyers

I Forthcoming Papers

Vol. 24B, No. 5, October 1990

George F. List 325 Toward optimal sketch-level transit service plans

James F. Campbell 345 Freight consolidation and routing with transportation economies of scale

S. Erlander 363 Efficient population behavior and the simultaneous choices of origins, destinations and routes

C. S. Fisk 375 Traffic assignment and the lane choice problem

C. S. Fisk 391 Effects of heavy traffic on network congestion

405 Erratum

I Forthcoming Papers

Vol. 24B, No. 6, December 1990

Nathan H. Gartner and **Gennaro Improta**	407	Editorial
M. J. Smith and **M. Ghali**	409	The dynamics of traffic assignment and traffic control: A theoretical study
Donald W. Hearn and **Siriphong Lawphongpanich**	423	A dual ascent algorithm for traffic assignment problems
Byung-Wook Wie, **Terry L. Friesz** and **Roger L. Tobin**	431	Dynamic user optimal traffic assignment on congested multidestination networks
James K. Ho	443	Solving the dynamic traffic assignment problem on a hypercube multicomputer
Petros C. Vythoulkas	453	A dynamic stochastic assignment model for the analysis of general networks
Markos Papageorgiou	471	Dynamic modeling, assignment, and route guidance in traffic networks
	I	Forthcoming Papers
	III	Volume 24 Contents and Author Index